

Water Management

Davis County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13B: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.02	Very limited Deep to water	1.00
Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.15	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Zook-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.98	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
24D2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
24E2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00
51: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.15	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
51+: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.15	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
51B: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.15	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
51B+: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.15	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

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54: Zook-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.98	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
54+: Zook-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.88	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
56B: Cantril-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.03	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
58D2: Douds-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.12	Very limited Deep to water	1.00
65E: Lindley-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.64	Very limited Deep to water	1.00
65E2: Lindley-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.64	Very limited Deep to water	1.00
65F: Lindley-----	Somewhat limited Slope Seepage	0.45 0.05	Somewhat limited Piping	0.64	Very limited Deep to water	1.00
65F2: Lindley-----	Somewhat limited Slope Seepage	0.45 0.05	Somewhat limited Piping	0.64	Very limited Deep to water	1.00
80B: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00

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80C: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
80C2: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
80D2: Clinton-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
93D2: Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
94E2: Caleb-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping Seepage	0.28 0.06	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
Mystic-----	Very limited Seepage Slope	1.00 0.04	Somewhat limited Seepage	0.08	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
130: Belinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
131B: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10

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131C2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water	0.25
					Cutbanks cave	0.10
132B: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water	0.25
					Cutbanks cave	0.10
132C: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water	0.25
					Cutbanks cave	0.10
132C2: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water	0.25
					Cutbanks cave	0.10
179D2: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited	
	Slope	0.01			Deep to water	1.00
179E: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited	
	Slope	0.04			Deep to water	1.00
179E2: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited	
	Slope	0.04			Deep to water	1.00
179E3: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited	
	Slope	0.04			Deep to water	1.00

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179F: Gara-----	Somewhat limited		Not limited		Very limited	
	Slope	0.18			Deep to water	1.00
	Seepage	0.05				
179F2: Gara-----	Somewhat limited		Not limited		Very limited	
	Slope	0.18			Deep to water	1.00
	Seepage	0.05				
179F3: Gara-----	Somewhat limited		Not limited		Very limited	
	Slope	0.18			Deep to water	1.00
	Seepage	0.05				
192C2: Adair-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.05	Depth to saturated zone	1.00	Slow refill	0.95
					Cutbanks cave	0.10
					Deep to water	0.01
192D2: Adair-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.05	Depth to saturated zone	1.00	Slow refill	0.95
	Slope	0.01			Cutbanks cave	0.10
					Deep to water	0.01
211: Edina-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.70	Depth to saturated zone	1.00	Slow refill	0.30
			Hard to pack	0.24	Cutbanks cave	0.10
222C2: Clarinda-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.01	Depth to saturated zone	1.00	Slow refill	0.99
			Hard to pack	0.97	Cutbanks cave	0.10
					Deep to water	0.01
222C3: Clarinda-----	Not limited		Very limited		Very limited	
			Depth to saturated zone	1.00	Slow refill	1.00
			Hard to pack	0.97	Cutbanks cave	0.10
					Deep to water	0.01

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223C2: Rinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.99	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
223C3: Rinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.99	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
260: Beckwith-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.58	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
261: Appanoose-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.54	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
263: Okaw-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.87	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
269: Humeston-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
273B: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.02	Very limited Deep to water	1.00
312B: Seymour-----	Somewhat limited Seepage	0.05	Somewhat limited Hard to pack Depth to saturated zone	0.52 0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10

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312B2: Seymour-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.35	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
313E2: Gosport-----	Somewhat limited Depth to bedrock Slope	0.11 0.02	Somewhat limited Depth to saturated zone Thin layer	0.95 0.86	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
313G: Gosport-----	Somewhat limited Slope Depth to bedrock	0.45 0.11	Somewhat limited Depth to saturated zone Thin layer	0.95 0.86	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
313G2: Gosport-----	Somewhat limited Slope Depth to bedrock	0.45 0.11	Somewhat limited Depth to saturated zone Thin layer	0.95 0.86	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
362: Haig-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
364B: Grundy-----	Not limited		Somewhat limited Depth to saturated zone Hard to pack	0.95 0.71	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
405: Floris-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.07	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10

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423D2: Bucknell-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.34	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
423D3: Bucknell-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.34	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
424D2: Lindley-----	Somewhat limited Seepage Slope	0.05 0.01	Somewhat limited Piping	0.52	Very limited Deep to water	1.00
Keswick-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
424E2: Lindley-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.52	Very limited Deep to water	1.00
Keswick-----	Somewhat limited Seepage Slope	0.05 0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
425C: Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
425C2: Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01

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425D: Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
425D2: Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
425D3: Keswick-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
430: Ackmore-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.02	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
451D2: Caleb-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping Seepage	0.28 0.06	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
452C2: Lineville-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
453: Tuskeego-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

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484: Lawson-----	Somewhat limited Seepage	0.70	Very limited Piping Depth to saturated zone	1.00 1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
520: Coppock-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.02	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
520B: Coppock-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.02	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
531B: Kniffin-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.30	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
531C: Kniffin-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.30	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
531C2: Kniffin-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.26	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
532B: Rathbun-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.24	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10

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532C: Rathbun-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.24	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
532C2: Rathbun-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
587: Chequest-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.10	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
592C2: Mystic-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
592D2: Mystic-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.08	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
592D3: Mystic-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage Piping	0.08 0.01	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
594C2: Galland-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.05	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
594D2: Galland-----	Very limited Seepage Slope	1.00 0.01	Not limited		Somewhat limited Deep to water Cutbanks cave	0.81 0.10

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715: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
Amana-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.03	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
730B: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
Cantril-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.03	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
792C: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
792C2: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
792C3: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01

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792D: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
792D2: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
792D3: Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Deep to water	0.10 0.01
795D2: Ashgrove-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.50	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
822D2: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
831B: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
831C2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10

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832B: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water	0.25
					Cutbanks cave	0.10
832C2: Weller-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water	0.25
					Cutbanks cave	0.10
993D2: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited Deep to water	1.00
	Slope	0.01				
Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave	0.10
					Deep to water	0.01
993D3: Gara-----	Somewhat limited Seepage	0.05	Not limited		Very limited Deep to water	1.00
	Slope	0.01				
Armstrong-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave	0.10
					Deep to water	0.01
994E2: Douds-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.12	Very limited Deep to water	1.00
	Slope	0.04				
Galland-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.05	Somewhat limited Deep to water	0.81
	Slope	0.04			Cutbanks cave	0.10

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1130: Belinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1139: Perks Variant-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.88	Very limited Cutbanks cave Deep to water Slow refill	1.00 0.81 0.30
1260: Beckwith-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.58	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1715: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
Lawson-----	Somewhat limited Seepage	0.70	Very limited Piping Depth to saturated zone Seepage	1.00 1.00 0.07	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
Ackmore-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.02	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
1977: Richwood Variant----	Very limited Seepage	1.00	Very limited Piping	1.00	Very limited Deep to water	1.00
5010: Pits-----	Not rated		Not rated		Not rated	
5020: Pits-----	Not rated		Not rated		Not rated	

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5021: Orthents-----	Not rated		Not rated		Not rated	
5030: Pits-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	